

Provisional Conference Programme

Sunday 13 April

| TIME | SUBJECT | |
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| 1400 -1800 | REGISTRATION | |

Monday 14 April

| TIME | SUBJECT | AUTHORS/ <u>SPEAKERS</u> |
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| 0830 -0930 | REGISTRATION | |
| 1000 -1030 | OPENING SESSION | |
| | Welcome | <u>Anthony Laughton</u> , Chairman, GEBCO |
| | Opening of the Conference | <u>Prince Rainier</u> |
| | Opening Remarks | Executive Secretary IOC |
| | Opening Remarks | President of the IHO Directing Committee |
| | Unveiling of the Commemorative Plaque | Prince Rainier |
| 1030 - 1200 | GEBCO – THE BEGINNING AND EARLY YEARS | |
| | A1. The Role of Prince Albert I of Monaco in initiating the GEBCO, and the development and publication of the 1 st & 2 nd Editions. | <u>Jacqueline Carpine-Lancre</u> |
| 1040 - 1120 | COFFEE | |

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| | <p>A2. Knowledge of the deep ocean by the end of the 19th century, leading up to the decision taken in 1899 at IGC-VII to compile a world series of bathymetric charts</p> <p>A3. Transfer of responsibilities to the IHB, and development and publication of the 3rd & 4th Editions</p> <p>A4. Overlooked events in the history of GEBCO</p> | <p><u>Margaret Deacon</u></p> <p><u>Adam Kerr</u></p> <p><u>Jacqueline Carpine-Lancre</u></p> |
| 1220 - 1420 | LUNCH | |
| 1420 - 1500 | OCEANOGRAPHY JOINS HYDROGRAPHY | |
| | <p>B1. Co-sponsorship with the IOC</p> <p>B2. Impact on ocean mapping of post-war revolution in marine geology</p> | <p><u>Desmond Scott</u></p> <p><u>Anthony Laughton</u></p> |
| 1500 - 1530 | BREAK | |
| 1530 - 1610 | NEW APPROACHES IN GEBCO | |
| | <p>C1. A different approach for the GEBCO 5th Edition</p> <p>C2. Into the digital age - the GEBCO Digital Atlas (GDA)</p> | <p><u>David Monahan</u></p> <p><u>Meirion Jones</u></p> |
| 1610 - 1700 | THE INTERACTION OF OCEAN MAPPING AND SCIENCE AND TECHNOLOGY | |
| | <p>D1. Ocean morphology as a key indicator of the geological evolution of the oceans</p> <p>D2. Technical Developments in depth measurement techniques and position determination. (to cover mid 60's to mid 70's)</p> | <p><u>Xavier Le Pichon</u></p> <p><u>Dave Wells</u></p> |
| 1800 | Reception by the IHB | |

Tuesday 15 April

| TIME | SUBJECT | AUTHORS/SPEAKERS |
|-------------|--|---|
| 0930 - 1030 | DATA MANAGEMENT AND MANIPULATION | |
| | E1. Data collection, compilation, archiving and distribution E2. Interpolation and contouring of sparse sounding data E3. Creating a Digital Terrain Model (gridded data base) from manually contoured sparse sounding data | Brian Harper and <u>George Sharman</u> <u>Hans-Werner Schenke</u> <u>Michael Carron</u> |
| 1030 - 1100 | COFFEE | |
| 1100 - 1230 | BATHYMETRY IN LAW, COMMERCE, AND FISHERIES | |
| | F1. The role of bathymetry in international maritime law and in the provisions of the U.N. Convention on the Law of the Sea F2. Bathymetric Requirements for fisheries research F3. Commercial drivers for improved ocean floor charts F4. Geodetic Transformations – A case study: Conversion from Tokyo Datum to WGS-84 | <u>Neil Guy</u> <u>Dagoberto Arcos</u> <u>Don Hussong</u> <u>Shin Tani</u> |
| 1230 - 1430 | LUNCH | |

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| 1430 - 1700 | APPLICATIONS AND IMPLICATIONS OF BATHYMETRIC DATA | |
| 1430 | G1. Principles and Applications of ocean feature nomenclature G2. The impact of ocean morphology on the dynamic modelling of the oceans, including climate and tsunami prediction | <u>Bob Fisher</u> and Michel Huet <u>Christian Le Provost</u> |
| 1530 - 1600 | BREAK | |
| 1600 | G3. Using multibeam bathymetry to investigate the architecture of the ocean crust G4. Bathymetry's influence on ocean circulation dynamics | <u>Marie-Helene Cormier</u> <u>Sarah Gille</u> |
| 1800 | Reception by the Government of Monaco | |

Wednesday 16 April

| TIME | SUBJECT | AUTHORS/ <u>SPEAKERS</u> |
|-------------|---|---|
| 0930 - 1200 | OCEAN MAPPING IN THE 21ST CENTURY | |
| | H1. A look to the future H2. International Bathymetric Chart of the Arctic Ocean – a new direction for ocean mapping | <u>Dave Monahan</u> <u>Ron Macnab</u> and Martin Jakobsson |
| 1015 - 1045 | COFFEE | |
| | H3. Use of satellite data to enhance interpretations based on sparse sounding data. H4. Acoustic imagery and seafloor characterisation H5. New frontiers in sea floor mapping and visualisation | <u>Walter Smith</u> <u>Chris de Moustier</u> <u>Larry Mayer</u> |
| 1215 | CLOSURE OF THE CONFERENCE | <u>Anthony Laughton</u> |